ROWLEY REGIS
URBAN DISTRICT COUNCIL,
STAFFORDSHIRE.

ANNUAL REPORT

FOR YEAR 1904,

OF THE

MEDICAL OFFICER OF HEALTH,

INCLUDING A

REPORT ON THE ADMINISTRATION OF THE FACTORY AND WORKSHOP ACT, 1901, IN THIS DISTRICT, WITH SCHEDULE OF WORK DONE IN THE DEPARTMENTS OF THE SURVEYOR AND THE SANITARY INSPECTOR.

BLACK HEATH:
PARKES BROS., PRINTERS AND MANUFACTURING STATIONERS,
AND AT HALESOWEN.

Digitized by the Internet Archive
in 2018 with funding from
Wellcome Library

https://archive.org/details/b30159921

INDEX.

STATISTICAL TABLES, VIZ: PAGE

Table numbered I.—Births, Deaths, and Mortality at various ages from special causes - 3

" " II.—Births and Deaths for each Quarter of the Year - - 3

" " III.—Rate of Mortality for each Quarter of the Year. - - 4

" " IV.—Deaths from Notified Zymotic Diseases for each Quarter - - 4

" " V.—Deaths from Un-notified Zymotic Diseases for each Quarter - 5

Local Government Board's Form I.—Population. Births and Deaths for the whole District from 1894—1904 - - 6

" " " Form II. — Population — Births and Deaths for each Ward for 1894—1904. 7

" " " Form III.—Cases of Infectious Diseases notified during the year 1904, for whole of District and in each Ward. - 8

" " " Form IV.—Causes of, and Ages at Death during the year 1904 including Deaths in whole District and in each Ward at subjoined ages - 9

Staffordshire County Council Forms I. to IV, are exactly the same as Local Government Board's Forms I. to IV. - - 10

Medical Officer of Health's Annual Report - 11—31

Medical Officer of Health's Annual Report on the Administration of the Factory and Workshop Act - - 32—37

County Council Form V.—Summary of work done in the Sanitary Inspector's Department during the year 1904 - - 38

Schedule of Work done in the Surveyor's Department during the year 1904 - - 39—40

TABLE I.

Shewing the BIRTHS, DEATHS, and Rates of Mortality, in the Year 1904.

Births.	Deaths.	Birth Rate.	Annual Death Rate per 1000 from					Per-centage of Deaths under One Year to Births Regist'd.	Percentage of Total Deaths to Deaths.					
			All Causes.	Principal Zymotic Causes.	Phthisis.	Lungs.	Hearts.		Of Infants under One Year of Age.	Of Persons over 65 Years of Age.	From the Notified Principal Zymotic Diseases.	From Phthisis.	From Lungs.	From Heart.
1317	631	35·9	17·33	·57	·57	4·53	1·01	16·32	34·21	18·07	3·33	3·32	26·15	5·86

Deaths in District . . ... 598 }
Deaths of Residents outside District ... 33 } 631

TABLE II.

Shewing the Births and Deaths from all causes and from certain special causes in each Quarter of 1904

Quarters ending	Births.	Deaths from all causes.	Deaths from			
			The notified Zymotic Diseases.	Phthisis.	Diseases of Lungs.	Heart Disease.
March 31st	341	203 + 11	4	7	75	16
June 30th	339	141 + 9	6	4	32	5
September 30th,	321	119 + 5	7	7	11	6
December 31st.	316	135 + 8	4	3	47	10
	1317	598 + 33	21	21	165	37

TABLE III.

Shewing the rate of mortality in the District in each Quarter of 1904.

Quarters ending	Death-rate per 100 per annum from all causes	Percentage per annum of total deaths to deaths.		
		Of infants under one year of age.	Of persons over sixty-five years of age.	The notified Zymotic Diseases.
March 31st	5·88	9·51	3·8	·63
June 30th	4·12	9·51	5·71	·95
September 30th	3·4	8·55	2·22	1·11
December 31st	3·93	6·64	6·34	·63
	17·33	34·21	18 07	3·32

TABLE IV.

Shewing the number of deaths at two groups af ages from the notified Zymotic Diseases in each quarter of 1904.

Quarters ending	Notified principal Zymotic Diseases.		Small Pox		Scarlet Fever.		Diphtheria & membranous croup.		Puerperal Fever		Typhoid Fever.		Cholera.		erysipelas	
	Under 5.	Over 5	Under 5.	Over 5.	Under 5.	Over 5.	Under 5.	Over 5.	Under 5	Over 5.	undr 5.	over 5.	undr 5.	over 5.	undr 5.	over 5.
March 31st	2	2	0	0	2	1	0	0	0	1	0	0	0	0	0	0
June 30th	3	3	0	0	1	1	2	0	0	1	0	0	0	0	0	1
September 30th	4	3	0	0	3	1	1	0	0	1*	0	1	0	0	0	0
December 31st	1	3	0	0	1	2	0	0	0	0	0	1	0	0	0	0
	10	11	0	0	7	5	3	0	0	3	0	2	0	0	0	1

* Outside District.

TABLE V.

Supplementary Table, showing Deaths at two groups of Ages from other Zymotic diseases not included in Table IV.

Quarters ending	Measles.		Whooping Cough.		Diarrhœa.		Influenza.	
	Under 5.	Over 5.	Under 5.	Over 5.	Under 5.	Over 5.	Under 5.	Over 5.
March 31st	14	1	5	0	2	0	0	1
June 30th	9	0	13	0	2	0	0	0
September 30th	2	0	7	0	17	1	0	0
December 31st	1	0	1	0	2	1	0	0
	26	1	26	0	23	2	0	1

TABLE I.

Vital Statistics of whole district during 1904 and previous years.

DISTRICT OF ROWLEY REGIS.

Year.	Population estimated to middle of each year.	Births.		Total Deaths registered in the District.				Total Deaths in Public Institutions in the District	Deaths of Non-residents registered in Public Instit's in the District	Deaths of Residents registered in public Instit's. beyond the district.	Nett deaths at all ages.	
				Under 1 year of age.		At all Ages.						
		Number	*Rate.	Number	Rate per 1000 Births registered.	Number	Rate.*				Number	Rate.*
1	2	3	4	5	6	7	8	9	10	11	12	13
1894	32700	1153	35·2	196	169·5	510	15·6	5	0	5	515	15·7
1895	33300	1252	37·6	243	194·08	622	18·7	11	0	11	633	19·
1896	33800	1216	36·	222	182·5	622	18·4	14	0	14	636	18·8
1897	34500	1304	37·8	237	181·7	598	17·3	11	0	11	609	17·6
1898	35200	1336	37·9	227	169 9	650	18·46	18	0	18	668	18 9
1899	36000	1374	38·17	243	176·8	596	16·55	27	0	22	618	17·1
1900	36760	1402	38·1	252	179·7	653	17·76	19	0	15	668	18·17
1901	34835	1313	37·69	230	175·1	602	17·28	0	0	16	618	17·7
1902	35400	1307	36·92	168	128·54	493	13·9	0	0	23	516	14·5
1903	36000	1323	36·75	194	146·64	547	15 19	0	0	15	562	15·6
Averages for years 1894-1903.	34849·5	1298-0	37·21	221·2	170·44	589·3	16·91	10·5	0	15·0	604·3	17·31
1904	36400	1317	35·9	215	163·2	598	16·43	0	0	33	631	17·33

*Rates in Columns 4, 8 and 13 calculated per 1,000 of estimated population.

NOTE.—The deaths to be included in column 7 of this Table are the whole of those registered during the year as having actually occurred within the district or division. The deaths to be included in column 12 are the number in column 7, corrected by the abstraction of the number in column 10 and the addition of the number in column 11.

By the term "non-residents" is meant persons brought into the district on account of sickness or infirmity, and dying in public institutions there; and by the term "residents" is meant persons who have been taken out of the district on account of sickness or infirmity, and have died in public institutions elsewhere.

The "Public Institutions" to be taken into account for the purposes of these tables are those into which the persons are habitually received on account of sickness or infirmity, such as hospitals, workhouses and lunatic asylums. A list of the institutions in respect of the deaths in which corrections have been made, should be given on the back of this table.

Area of District in acres (exclusive of area covered by water)—3670.

Total population at all ages—34670
Number of inhabited houses—6962
Average number of persons per house—5.
} At Census of 1901.

TABLE II.

Vital Statistics of separate Localities in 1904 and previous years.

Name of District—**ROWLEY REGIS.**

Names of Localities.	TIVIDALE.				ROWLEY REGIS.				BLACK HEATH.				OLD HILL.				CRADLEY HEATH.			
Year.	Population estimated to middle of each year.	Births registered	Deaths at all ages.	Deaths under 1 year.	Population estimated to middle of each year.	Births registered.	Deaths at all ages.	Deaths under 1 Year.	Population estimated to middle of each year.	Births registered.	Deaths at all ages.	Deaths under 1 year.	Population estimated to middle of each year,	Births registered.	Deaths at all ages.	Deaths under 1 year.	Population estimated to middle of each year.	Births registered	Deaths at all ages.	Deaths under 1 year.
	a	*b*	*c*	*d*	*a*	*b*	*c*	*d*	*a*	*b*	*c*	*d*	*a*	*b*	*c*	*d*	*a*	*b*	*c*	*d*
1894 ..	2751	99	46	20	5285	176	70	22	6308	232	122	57	9724	364	136	45	8632	282	136	52
1895 ..	2788	113	55	29	5373	176	75	24	6458	286	134	57	9911	425	208	75	8770	252	150	58
1896 ...	2819	104	103	27	5446	165	55	35	6583	276	155	62	10067	402	171	65	8885	269	138	33
1897 ...	2863	103	54	21	5548	166	95	38	6758	332	127	60	10286	419	188	65	9045	284	134	53
1898 ...	2907	99	63	21	5650	186	90	34	6933	313	150	54	10505	475	209	76	9205	263	138	42
1899 ..	2957	112	56	25	5766	162	79	27	7133	343	115	54	10755	448	205	83	9389	309	141	54
1900 ..	3005	101	55	21	5842	176	113	45	7350	346	123	52	11013	504	233	83	9550	275	144	48
1901 ..	2809	101	42	19	5342	216	103	37	6596	254	145	61	10851	436	201	64	9237	306	127	49
1902 ..	2850	88	32	8	5426	182	66	17	6730	294	113	45	11063	474	173	59	9331	269	132	39
1903 ..	2896	91	39	11	5518	212	82	29	6845	283	103	39	11247	420	196	66	9494	317	142	49
Average of years 1894 to 1903	2864	101	54	20	5519	181	82	30	6769	295	128	54	10542	436	192	68	9153	282	138	47
1904 ..	2932	109	43	17	5590	175	82	29	6935	280	138	55	11359	405	195	76	9584	348	140	38

TABLE III.

Cases of Infectious Disease notified during the year 1904.

Name of District—**ROWLEY REGIS.**

Notifiable Disease.	Cases notified in whole district.							Total cases notified in each locality.									
	At all Ages-	At ages—years.						Tividale.	Rowley Regis	Black Heath	Old Hill	Cradley Heath	Tividale.	Rowley Regis.	Black Heath.	Old Hill.	Cradley Heath.
		Under 1	1—5	5—15	15—25	25—65	65 and upwards										
Small Pox	2				2			1				1	1				1
Diphtheria	21	2	5	12	2			4	6	2	9						
Membranous Croup	4		2	2				2	1	1							
Erysipelas	44		3	3	5	23	10	4	6	16	7	11					
Scarlet Fever	211	3	86	110	4	8		3	57	94	28	29					
Enteric Fever	7			4	2	1		1			5	1					
Puerperal Fever	5				2	3			1	2	2						
Totals -	294	5	96	131	17	35	10	15	71	115	51	42	1				1

TABLE IV.

URBAN DISTRICT OF ROWLEY REGIS.

Causes of, and Ages at Death during year 1904.

Causes of death.	Deaths in the whole District of Residents at subjoined ages occurring in, or beyond the District.							Deaths of Residents in localities at all ages, in or beyond the District.					Deaths in Public Institutions of Residents or Non-Residents in the District.
	All Ages.	Under 1	1 and under 5.	5 and under 15.	15 and under 25.	25 and under 65.	65 and upwards.	Tividale.	Rowley Regis	Black Heath	Old Hill	Cradley Heath	
Small Pox -													
Measles -	27	3	23	1				1	3	2	15	6	
Scarlet Fever -	12	1	6	5					3	6	2	1	
Whooping Cough	26	16	10					5	4	4	7	6	
Diphtheria and Membranous Croup	3	1	2					1		1	1		
Croup -													
Fever { Typhus - Typhoid - other cont'd	2			1		1		1				1	
Epidemic Influenza	1					1					1		
Diarrhœa -	25	20	3				2	1	3	7	12	2	
Enteritis -	6	5			1						2	4	
Puerperal Fever -	3				2	1			1	1	1		
Erysipelas -	1						1				1		
Other septic diseases	1				1					1			
Phthisis -	21		1		3	17		4	2	2	4	9	Nil.
Other Tubercular diseases	8	2	2	1	1	2			4		4		
Cancer, malignant disease -	26	1			1	14	10	1	2	7	8	8	
Bronchitis -	123	42	33	1		23	24	5	13	28	40	37	
Pneumonia -	40	13	12	3	3	5	4	4	15	12	6	3	
Pleurisy -	1			1							1		
Other diseases of Respiratory Organs	1					1					1		
Alcoholism Cirrhosis of Liver	5					5			1	1	1	2	
Premature Birth	25	25						3	5	2	11	4	
Diseases and accidents of parturition -	4				1	3					3	1	
Heart Disease -	37	1			3	20	13	2	4	8	8	15	
Accidents -	14		4	3		5	2	1	4	1	6	2	
All other causes -	219	86	27	6	7	35	58	18	24	61	71	45	
All causes -	631	216	123	22	23	133	114	47	88	144	206	146	

NOTE.

Staffordshire County Council.

FORMS I. to IV.

CORRESPOND to TABLES I. to IV.

OF THE

LOCAL GOVERNMENT BOARD,

And are consequently not reproduced.

ROWLEY REGIS URBAN DISTRICT COUNCIL,
STAFFORDSHIRE.

Annual Report of the Medical Officer of Health,

For the year ended December 31st, 1904.

Mr. Chairman and Gentlemen,

There must of necessity be a great amount of repetition in this report, which like its predecessors will contain statistics of the Births, Deaths, Birth-rate, Rates of Mortality from General and Special causes, cases of Infectious Diseases notified, and an epitome of the Sanitary Work for the last year.

It will also contain a report of the statistics of the population estimated to the middle of each year, Births registered, Deaths at all ages, and Deaths under one year for the whole of the District and for each Ward separately for the ten years ended December 31st, 1904.

An estimated Population to the middle of 1904.

The estimated Population is obtained in the following manner:—By deducting the deaths which occurred between July 1st, 1903 and June 30th, 1904 (680) from the Births for the same period (1351), and again deducting 271 as wastage for migration and other uncertified causes. As mentioned in previous reports "The discrepancy on the estimated population obtained solely on the difference between the deaths and births registered each year for the ten years ending December 31st, 1900 was found by comparison with the census of 1901 to be about two hundred per annum. This year I have deducted 271 and have estimated the population to the middle of 1904 at thirty-six thousand, four hundred.

The bad trade in the district and the number of void houses has induced me to allow a larger number than usual in my calculations, as wastage.

An extra clause in this report will relate to the administration of the Factory and Workshops Act, 1901, in the district.

The tables will be the same as in previous years, viz:—Three Sets. The first series I. to V. are condensed statements of my own arranging, and deal with deaths within the district, and with deaths of residents known to have died outside the district. No. II. in addition to the deaths shows the number of Births registered within the district, whilst Nos. IV. and V. deal exclusively with Deaths from Zymotic Diseases.

The second series I. to IV. are those demanded by the Local Government Board. The third series are those demanded by the Staffordshire County Council. The first four of these correspond exactly with those issued by the Local Government Board (and consequently are not reproduced). The fifth of the series refers to work done in the Sanitary Inspector's department and will be found annexed to this report.

SANITARY URBAN DISTRICT OF ROWLEY REGIS.

Name of Wards.	Area in Acres.	Inhabit'd Houses in each Ward.	Void Houses. in each Ward.	Total number of Houses in each Ward.	Population.	
					Census 1901	Estima'd to middle of 1904.
Tividale	984	587	45	632	2796	2932
Rowley Regis	1347	1031	60	1091	5317	5590
Black Heath	188	1361	46	1407	6565	6935
Old Hill	599	2300	37	2337	10799	11359
Cradley Heath	552	1971	29	2000	9193	9584
Total	3670	7250	217	7467	34670	36400

Average number of persons per house :—

Tividale Ward	...	5·
Rowley Regis	...	5 4
Blackheath	...	5·1
Old Hill	...	4·9
Cradley Heath	...	4.8
Average for whole district		5·02

Physical features and general character of the district :—

District very undulating.

Altitudes in the parish :

Tividale	498 feet above sea level, at Liverpool, as per Ordinance Survey 1881.		
Cox's Rough	866	,,	,,
Oakham	769	,,	,,
Darby's Hill	880	,,	,,
Turner's Hill	893	,,	,,
Rowley	722	,,	,,

Blackheath	607	feet above	sea level at Liverpool.
Old Hill	387	,,	,,
Cradley Heath	346	,,	,,

Altitudes near Dudley, outside this Parish :—

Dudley Castle	763	feet above	sea level at Liverpool.
Sedgley	780	,,	,,
Wren's Nest	790	,,	,,

Tividale.—Loose Loam. Sub-soil. Clay and Roche.

City.—Waterlogged.

Rowley Regis.—Practically dry to within a depth of eight or ten feet.

Blackheath— ,, ,, ,,
Tump Road.—Roche.
High Street.—Sand.

Old Hill.—Clay and Blue Roche.
Windmill End and Church Street.—Waterlogged.

Cradley Heath.—Clay and Blue Roche.
Grainger's Lane, Foxoak Street & Cokeland Place.—Waterlogged in places.

PROXIMITY TO WATER.

Tividale.—The Birmingham Canal runs parallel with Tividale and is within a varying distance of 100 to 200 yards.

Rowley Regis.—The Birmingham Canal at Windmill End to Powke Lane.

Blackheath.—Canal Basin and Reservoir at Whiteheath, within 300 yards. Birmingham Canal on lower side dividing it from Old Hill.

Old Hill.—Mouse Sweet Brook and Birmingham Canal.

Cradley Heath.—River Stour on lower division and Mouse Sweet Brook.

BIRTHS.

One Thousand, Three hundred and seventeen births have been registered in the year 1904, viz :—Six Hundred and Forty-three Males, and Six Hundred and Seventy-four Females.

They were located as follows :—

Tividale	45 Males.	64 Females.

Rowley Regis	97	Males	78	Females
Blackheath	132	,,	148	,,
Old Hill	188	,,	217	,,
Cradley Heath	181	,,	167	,,
	643		674	... 1317

Total for whole District—1317. Annual Birth-rate 35·9.

MORTALITY RETURNS.

Six hundred and thirty-one deaths have been recorded, viz: five hundred and ninety-eight in the district, and thirty-three of residents who have died outside the district. These outside deaths occurred as follows: fourteen at the Guest Hospital, twelve at the Dudley Workhouse, one at the General Hospital, Birmingham, one at the Children's Hospital, Birmingham, One at the Throat and Ear Hospital, Birmingham. One at Liverpool Hospital, and three at the County Asylum, Stafford.

In the first quarter, two hundred and fourteen deaths were registered viz:—

Under one year of age	60
All other ages	154

In the second quarter, one hundred and fifty deaths were registered, viz:—

Under one year of age	60
All other ages	90

In the third quarter, one hundred and twenty-four deaths were registered, viz:—

Under one year of age	54
All other ages	70

In the fourth quarter one hundred and fifty-three deaths were registered, viz:—

Uuder one year of age	42
All other ages	101
Making a total of	631

ANALYSIS OF DEATH-RATE.

Deaths registered.	Groups of Ages.	Annual death-rate. per 1000 of inhabitants.
216	Under one year.	5·94
123	Between one and five years	3·38
22	Between five and fifteen years	·6
23	Between fifteen and twenty-five years	·62
133	Between twenty-five and sixty-five years	3·66
114	Over Sixty-five years	3·13
Total 631	Total	17·33

Schedule of deaths under one year of age and between one and five years, certified as due to the following causes :—

	Under one year.	Between one and five years.
Measles	3	23
Scarlet Fever	1	6
Whooping Cough	16	10
Diphtheria & Membranous Croup	1	2
Diarrhœa	20	3
Enteritis	5	0
Tubercular Disease	2	2
Phthisis	0	1
Cancer	1	0
Bronchitis	42	33
Pneumonia	13	12
Premature Birth	25	0
Heart Disease	1	0
Accidents	0	4
All other causes	86	27
Totals	216	123

There is an increase in this year's returns of deaths from Zymotic caues, over those for last year. Last year there were twenty-seven deaths from notified causes, as against twenty-one deaths for this year.

Last year there were sixty-eight deaths from un-notified causes as against seventy-nine deaths for this year.

The following table shows the number of deaths under two groups of ages, and the number of Zymotic cases notified in each quarter.

	Deaths from Notified causes.			Deaths from Un-notified Infectious Diseases.									Cases of Infectious Diseases Notified		
					Measles.		W'g. C'h.		Influenza		Diarrhœa				
	Total Deaths.	Under 5 years.	Over 5 years.	Total Deaths.	Under 5 years.	Over 5 years.	Under 5 years.	Over 5 years.	Under 5 years.	Over 5 years.	Under 5 years.	Over 5 years.	T'al. C's. reported.	Under 5 years.	Over 5 years.
First Quarter	4	2	2	23	14	1	5	0	0	1	2	0	78	27	51
Second ,,	6	3	3	24	9	0	13	0	0	0	2	0	57	12	45
Third ,,	7	4	3	27	2	0	7	0	0	0	17	1	86	34	52
Fourth ,,	4	1	3	5	1	0	1	0	0	0	2	1	73	28	45
Totals ...	21	10	11	79	26	1	26	0	0	1	23	2	294	101	193

This table shows an annual death-rate of ·57 per 1000 of inhabitants from notified infectious causes.

It also shows an annual death-rate of 2·11 per 1000 of inhabitants from un-notified infectious causes, also that 8·1 per 1000 of inhabitants were notified as suffering from some form of Infectious disease.

COMPARISON OF DEATH-RATE FROM ZYMOTIC DISEASES.

In 1899 there were ·75 per 1000 deaths from notified causes.
,, 1900 ,, ,, ·62 ,, ,, ,,
,, 1901 ,, ,, ·602 ,, ,, ,,
,, 1902 ,, ,, ·649 ,, ,, ,,
,, 1903 ,, ,, ·75 ,, ,, ,,
,, 1904 ,, ,, ·57 ,, ,, ,,

In 1899 there were ·94 per 1000 deaths from un-notified infectious diseases.
,, 1900 ,, ,, 2·01 ,, ,, ,,
,, 1901 ,, ,, 2·44 ,, ,, ,,
,, 1902 ,, ,, ·87 ,, ,, ,,
,, 1903 ,, ,, 1·88 ,, ,, ,,
,, 1904 ,, ,, 2·11 ,, ,, ,,

RATE PER 1000 OF INHABITANTS NOTIFIED AS SUFFERING FROM INFECTIOUS DISEASES.

In 1899	there were	7·72	per	1000
„ 1900	„	4·65	„	„
„ 1901	„	7·14	„	„
„ 1902	„	8·05	„	„
„ 1903	„	9·36	„	„
„ 1904	„	8·1	„	„

Table of deaths from Zymotic Causes from years 1894 to 1904.

Cause of Death	1895	1896	1897	1898	1899	1900	1901	1902	1903	1904
Small Pox	0	0	0	0	0	0	0	0	0	0
Scarlet Fever	25	14	14	8	8	2	12	7	13	12
Measles	8	50	0	45	3	47	4	21	43	27
Diphtheria & Mem'brus. C'rp	5	8	5	3	3	6	3	6	5	3
Wh'ping. C'gh.	25	27	8	15	4	4	55	2	9	26
Contd. Fever	0	0	0	0	0	0	0	0	0	0
Enteric Fever	3	6	4	38	9	6	2	4	3	2
Diarrhœa	24	12	35	32	22	15	25	6	15	25
Erysipelas	2	2	3	1	2	5	1	3	3	1
Influenza	10	8	9	6	5	7	1	2	1	1
Cholera	0	0	0	0	0	0	0	0	0	0
P'peral Fever	2	0	1	3	5	4	3	3	3	3
Totals	104	127	79	151	61	97	106	54	95	100

For a tabulated statement of deaths from infectious diseases see tables IV. and V. first series.

For a quarterly death-rate per 1000 of inhabitants see table III. first Series.

The following tables show the distribution of sickness and deaths throughout the district from Zymotic Diseases at two groups of ages in specified areas, taking each ward as an area and giving the population of each Ward according to the approximate estimated population up to the middle of 1904.

TIVIDALE WARD.
Population estimated to Middle of 1904, 2932.

STREET LIST.
Brades Road
Dingle Street
Brades Row
Brades Village
Salop Street
Albion Street
Roway Lane
Dudley Road
Upper Chapel Street
Britannia Street
Lower Chapel Street
Tipton Road
Groveland Road
Groveland
Crown Bob Colliery
Hange Colliery
Parker's Lane
California (back of Oakham Colliery)
City
Lye Cross
Darby's Hill
Oakham (Mr. Jones' side part of)

		Small Pox	Scarlet Fever	Diphtheria and Memb'rnus Croup	Erysipelas	Enteric Fever	Puerperal Fever
First Quarter.							
Sickness	Under 5 yrs.	—	—	—	—	—	—
	Over 5 yrs.				1		
Deaths	Under 5 yrs.	—	—	—	—	—	—
	Over 5 yrs.						
Second Quarter.							
Sickness	Under 5 yrs.	—	—	—	—	—	—
	Over 5 yrs.			1	1		
Deaths	Under 5 yrs.	—	—	—	—	—	—
	Over 5 yrs.						
Third Quarter.							
Sickness	Under 5 yrs.	—	—	1	—	—	—
	Over 5 yrs.	1	1		1		
Deaths.	Under 5 yrs.	—	—	1	—	—	—
	Over 5 yrs.						
Fourth Quarter.							
Sickness	Under 5 yrs.	—	1	2	1	—	—
	Over 5 yrs.		1	2	1	1	
Deaths	Under 5 yrs.	—	—	—	—	—	—
	Over 5 yrs.					1	

ROWLEY REGIS WARD.
Population estimated to Middle of 1904, 5590.

STREET LIST.

Oakham (from boundary by Mr. Jones' to Wheatsheaf, South side),
Turner's Hill
Birmingham Road (from Endowed School to Mr. Harper's)
Rowley Village
Siviter's Lane
Ross
Shepherd's Fold
Yew Tree Lane
Powke Lane (from Southall's to Canal)
Moore Lane
Bell End
Church Road
Hawes Lane
Dudley Road
Springfield Lane
Dog Lane (above Canal)
Bullfield
Tippetty Green
Perry's Lake
Gadds Green
Hailstone Hill
Portway Road
Throne
Whiteheath Gate (Chapel side)
Mincing Lane (above Oldbury Road)
Duke Street
Currall Road

		Small Pox	Scarlet Fever	Diphtheria and Memb'rnus Croup	Erysipelas	Enteric Fever	Puerperal Fever
First Quarter.							
Sickness	Under 5 yrs.		7				
	Over 5 yrs.		6	1	5		
Deaths	Under 5 yrs.		1				
	Over 5 yrs.						
Second Quarter.							
Sickness	Under 5 yrs.						
	Over 5 yrs.		2	3			
Deaths	Under 5 yrs.						
	Over 5 yrs.						
Third Quarter.							
Sickness	Under 5 yrs.		10				
	Over 5 yrs.		17	3	1		
Deaths.	Under 5 yrs.		1				
	Over 5 yrs.		1				1*
Fourth Quarter.							
Sickness	Under 5 yrs.		7				
	Over 5 yrs.		8				1
Deaths	Under 5 yrs.						
	Over 5 yrs.						

* Outside District.

BLACK HEATH WARD.
Population estimated to Middle of 1904, 6935,

STREET LIST.

Oldbury Road
Mott Street
Birmingham Rd. (Nos. 14 to 68)
High Street (except part in Rowley Regis Ward)
Short Street, Causeway
Halesowen Street
Hackett Street, John St.
Cross Street, Union Street
Darby Street
Powke Lane (Nos. 1—27)
Terrace Street, Tump Rd.
Holly Road
Whiteheath Gate (Robinson's side)
Mincing Lane (4 doors below Oldbury Road)
Waterfall Lane (above Canal)
Tory Street
Granville Rd. (3 houses above Canal)
West Street, Marlow St.
Highfield Road
Duke Street, Payne Street
Perry Park Road
Beet Street

		Small Pox	Scarlet Fever	Diphtheria and Memb'nus Croup	Erysipelas	Enteric Fever	Puerperal Fever
First Quarter.							
Sickness	Under 5 yrs.		5	1			
	Over 5 yrs.		9		5		1
Deaths	Under 5 yrs.						
	Over 5 yrs.						
Second Quarter.							
Sickness	Under 5 yrs.		4	1			
	Over 5 yrs.		10		6		1
Deaths	Under 5 yrs.		1	1			1
	Over 5 yrs.						
Third Quarter.							
Sickness	Under 5 yrs.		19				
	Over 5 yrs.		21		1		
Deaths.	Under 5 yrs.		2				
	Over 5 yrs.						
Fourth Quarter.							
Sickness	Under 5 yrs.		13				
	Over 5 yrs.		13	1	4		
Deaths	Under 5 yrs.		1				
	Over 5 yrs.		2				

OLD HILL WARD.
Population estimated to Middle of 1904, 11359.

STREET LIST.
Powke Lane (part below Canal)
Windmill End
Doulton Rd. (part below Canal)
Halesowen Road, Haden Hill
Hayseech, Pig Lane
Waterfall Lane (below Canal)
Granville Road, Beauty Bank
Cherry Orchard
Wright's Lane
Lion Road. Wagon St.
King St. Elbow St.
Garratts Lane
Best St. Cross St.
Queen St. Bank St.
Wellington St. Dudley St.
Spring Meadow
Trinity St. Mace St.
Siddaway St Church St,
Court St. New St.
Riddins St.
Holloway St. (last part of Riddins St.
Peartree Street
Peartree Lane (Pack Horse side)
Lawrence Lane (except part in Cradley Heath)
Claremont Street
Reddall Hill Road (from No. 1 to Lawrence Lane one side & from Reddal Hill Schools back to Cross)
Haden Rd. Clyde St.
Penn St. Meadow St.
Clifton St. Jackson St.
Dalloway St. Priest St.
Hill Passage
Brook Lane

		Small Pox	Scarlet Fever	Diphtheria and Memb'rnus Croup	Erysipelas	Enteric Fever	Puerperal Fever
First Quarter.							
Sickness	Under 5 yrs.		5	1			
	Over 5 yrs.		9	1	4	2	1
Deaths	Under 5 yrs.		1				
	Over 5 yrs.		1				1
Second Quarter.							
Sickness	Under 5 yrs.		5	2			
	Over 5 yrs.		5	1	1	1	1
Deaths	Under 5 yrs.			1			
	Over 5 yrs.				1		
Third Quarter.							
Sickness	Under 5 yrs.		1		1		
	Over 5 yrs.						
Deaths.	Under 5 yrs.						
	Over 5 yrs.						
Fourth Quarter.							
Sickness	Under 5 yrs.		1	1	1		
	Over 5 yrs.		2	3		1	
Deaths	Under 5 yrs.						
	Over 5 yrs.						

CRADLEY HEATH WARD.

Population estimated to Middle of 1904, 9584.

STREET LIST.

Peartree Lane (Part of Pack Horse)
Petford St. Pearson St.
Lawrence Lane (from Peartree Lane to Reddal Hill, T. Parkes & Sons' side)
Plant St. Park St. Oak Street
Reddal Hill Rd. (part not included in Old Hill Ward)
Newtown Street
Hingley Street
Spinners End
Holly Bush Street
Meredith Street
Albert Street
St. Luke St. School St.
Lomey Town
Silverthorn Lane
Forge Lane. Woods Lane
Whitehall Lane
Compton Road
Scholding Green Road
Cradley Road
Grangers Road
Stour Colliery
Beehive Street
Cokeland Place
Station Rd. Chester Rd.
Corngreaves Road
Surfeit Hill. Queen St.
King St. Tibbetts Gardens
High St. Foxoak St.
Bank St. Newtown Lane
Bannister Street (top of Newtown Lane)
Providence Street
Sydney St. Clyde St.

		Small Pox	Scarlet Fever	Diphtheria and Memb'rnus Croup	Erysipelas	Enteric Fever	Puerperal Fever
First Quarter.							
Sickness	Under 5 yrs.		8				
	Over 5 yrs.		4		2		
Deaths	Under 5 yrs.						
	Over 5 yrs.						
Second Quarter.							
Sickness	Under 5 yrs.						
	Over 5 yrs.	1	7		4		
Deaths	Under 5 yrs.						
	Over 5 yrs.		1				
Third Quarter.							
Sickness	Under 5 yrs.		3				
	Over 5 yrs.		2		2	1	
Deaths.	Under 5 yrs.						
	Over 5 yrs.					1	
Fourth Quarter.							
Sickness	Under 5 yrs.		1		2	1	
	Over 5 yrs.		4				
Deaths	Under 5 yrs.						
	Over 5 yrs.						

SMALL POX.

Two cases have occurred in the District during the past year. One occurred at King Street, Cradley Heath, last May, and one at Tividale last September.

The Cradley Heath case was a young man aged twenty who I found suffering from a very modified form of Small Pox. He was removed to the Hospital the same day and made a rapid recovery, and was discharged on June 11th. He had been well vaccinated in early life and showed four good scars. I could not get any history of Infection. The house was stripped, disinfected and cleansed a is usual in these cases and no extension of the disease occurred. The other inmates of the house refused to be revaccinated.

The Tividale case occurred at the Hospital, the patient being a woman I had engaged as ward-maid. The most remarkble thing about this case was that she had had Small Pox when a child. The disease was of the mild type and ran an ordinary course. In addition to these two. five other cases have been treated in the Tividale Hospital, viz :—Two from Bilston and three from Tipton. They all recovered.

SCARLET FEVER.

Two hundred and eleven cases have been notified and twelve deaths have occurred, being a decrease of eleven notifications and one death on the returns for last year.

The cases were spread over the wards in the following order :—

Tividale.	-	3	cases notified.	-	0	deaths.
Rowley Regis.		57	,, ,,	-	3	,,
Blackheath.		94	,, ,,	-	6	,,
Old Hill.		28	,, ,.	-	2	,,
Cradley Heath.		29	,, ,,	-	1	,,
Total		211			12	

The end of last year left us with an Epidemic of Scarlet Fever, Measles and other infectious diseases in the Old Hill and Cradley Heath Wards, and the following Schools were closed for this cause, viz :—Cradley Heath Boys, Corngreaves, Macefield, Old Hill and Wrights Lane.

These Schools were reopened on January 15th when a decided improvement was noticed in the number of absentees.

53	cases	occurred	during	the	1st	Quarter	with	3	deaths.
33	,,	,,	,,	,,	2nd	,,	,,	2	,,
74	,,	,,	,,	,,	3rd	,,	,,	4	,,
51	,,	,,	,,	,,	4th	,,	,,	3	,,

During the First Quarter, it was pretty general throughout the Parish with the exception of Tividale Ward.

During the Second Quarter, Blackheath, Old Hill and Cradley Heath were chiefly affected.

During the Third Quarter, Rowley and Blackheath were chiefly affected, especially Blackheath.

During the fourth Quarter, Rowley and Blackheath were chiefly affected, especially Blackheath.

MEASLES.

Twenty-seven deaths have been recorded from this Disease during the year as against forty-three for last year.

One occurred at Tividale. Three at Rowley Regis. Two at Blackheath. Fifteen at Old Hill and six at Cradley Heath.

Fifteen occurred in the first Quarter. Nine in the second. Two in the third and one in the last Quarter.

The undermentioned Schools had been closed during the end. of December owing to an Epidemic of this Disease.

On January 15th, a week after they had been re-opened the following returns were obtained from the School Attendance Officer.

Absent from	Cradley Heath	School	8	Boys.	18	Girls.	63	Infants
,,	,,	Corngreaves	,,	34	,,	26	,,	86	,,
,,	,,	Macefield	,.	16	,,	33	,,		
,,	,,	Old Hill	,,					56	,,
,,	,,	Wrights Lane	,,					24	,,

As these returns showed a considerable improvement in the general attendance prior to that, before the Christmas Holidays the school work was continued. Many of the cases especially in the early part of the year were of a severe type, respiratory affections being very prevalent. Towards the end of March the epidemic was considerably abated in the Old Hill and Cradley Heath Wards, but began to make its appearance in the Blackheath and Rowley Regis Wards.

On May 9th sixty-four out of a total of one hundred and eighty-eight children attending the Knowle School, Infant Department were absent from this cause. As the epidemic showed every sign of increasing, I wrote to the Chairman of the Education Committee advising the closure of this department until after the Whitsuntide Holidays. My request was acceded to. I also wrote to the Local Government Board and the Staffordshire County Council informing them of the action I had taken.

On May 20th fifty-six children out of a total of one hundred and fifty-three were absent from the Infant Department of the Rowley Regis National School on account of Measles. I wrote to the Chairman of the School Committee advising him to close this department for three weeks as the disease was rapidly spreading in the locality. The request was complied with, and I informed the Local Government Board and the Staffordshire County Council of the action taken. When these schools were re-opened there was a very

considerable abatement in the disease and it practically disappeared in September leaving only a few isolated cases throughout the District.

DIPHTHERIA & MEMBRANOUS CROUP.

Twenty-five cases have been notified and three deaths have occurred as against thirty-two cases and six deaths for the previous year.

Tividale.	Notifications	6	Deaths	1.
Rowley Regis	,,	7	,,	0.
Blackheath	,,	3	,,	1.
Old Hill	,,	9	,,	1.
Cradley Heath	,,	0	,,	0.

Four cases occurred in children recovering from measles One in a child recovering from Scarlet Fever. One in a child suffering from Wooping Cough. Five were attributed to defective drains. Two to offensive Closets, and twelve cases occurred in which no special cause could be ascertained.

The pernicious habit many children indulge in of playing over or near the sewer gratings may in my opinion account for many of these and other zymotic diseases.

A letter was sent to the Chairman of the Education Committee calling the attention of that body to the matter and asking that the head teachers throughout the district be instructed to warn the children under their charge of the danger incurred.

ENTERIC FEVER.

Seven cases notified and two deaths as against thirty cases and three deaths for previous year.

None of the cases have been isolated.

One case occurred at Tividale. Five at Old Hill and one at Cradley Heath. The deaths occurred, one at Tividale and one at Cradley Heath. Three of these cases are attributed to defective and unsanitary closets. One to defective drainage through drain being blocked. And three to which no cause can be assigned.

PUERPERAL FEVER.

Five cases notified and two deaths as against five cases and four deaths for previous year. One case occurred at Rowley; Two at Blackheath, and two at Old Hill. The deaths occurred at Blackheath and Old Hill.

All these cases had in the first instance been attended by Mid-wives. The provisions of Rule five framed by the Central Mid-wives board have in each instance been carried out. The Rule reads as follows "Whenever a mid-wife has been in attendance on a patient suffering from Puerperal Fever or from any other illness supposed to be infectious, she must disinfect herself and all her instruments and other appliances, to the satisfaction of the Local Sanitary Authority, and must have her clothing thoroughly disinfected before going to another labour. Unless otherwise directed by the Local Supervising

Authority, all washable clothing should be boiled. and other clothing should be sent to be stoved (by the Local Sanitary Authority) and then exposed freely to the open air for several days."

ERYSIPELAS.

Forty-four cases notified and one death as against forty-nine cases and three deaths for the previous year. Four occurred at Tividale; Six at Rowley Regis; Sixteen at Blackheath; Seven at Old Hill and eleven at Cradley Heath. The death occurred at Old Hill to an old man aged seventy-three. Two of the cases occurred in the same house at Gorsty Hill, all other cases were dis-connected.

WHOOPING COUGH.

Twenty-six deaths have been recorded as against nine for the previous year. It was prevalent in the Cradley Heath and Old Hill Wards at the end of last year and continued to increase in those Wards until the end of February. In March it appeard in the Blackheath and Rowley Regis Wards and continued with more or less severity until the middle of September after which it gradually decreased.

DIARRHŒA.

Twenty-five deaths as against fifteen for the previous year. Twenty of these deaths were of children under one year of age, three between one and five years, and two over sixty-five years of age. One occurred at Tividale, three at Rowley, seven at Blackheath,. twelve at Old Hill, and two at Cradley Heath. These figures show that the disease has been scattered throughout the whole of the parish

The greatest mortality occurred in the third quarter, during which period eighteen deaths were recorded.

The common practice of feeding infants on artificial instead of the natural food is, in my opinion, closely connected with the high infant mortality.

PHTHISIS.

Eighteen deaths have been recorded as against twenty-one for the previous year. Two occurred at Tividale,, two at Rowley Regis, two at Blackheath, five at Old Hill and eight at Cradley Heath. The ages at death were one under five years, Two under twenty-five years, and fifteen between twenty-five and sixty-five years. Four deaths occurred in the first quarter, Three in the second, Seven in the third. and Three in the fourth. Disinfection of the houses and clothing of deceased Phthisical subjects is now carried out without opposition.

EPIDEMIC INFLUENZA.

One death only has been recorded from this disease, as against one for the previous year, although a rather severe epidemic of it commenced in December, and was general throughout the district. It was complicated with diseases of the respiratory organs.

PREVENTATIVE MEASURES ADOPTED

The same as mentioned in my previous reports, viz:—Isolation of Small Pox cases at the Tividale Hospital. All other cases of Infectious diseases are treated at the Patients' homes. They are all visited as soon after notification as possible, and are supplied with disinfectants and a circular telling them how to use the disinfectants, and warning them against exposing themselves in public until after their houses and clothing have been fumigated by the Council's Official. Preventing children from infected houses attending School; cleansing and lime-washing all dirty and infected houses. Fumigating all infected houses, clothing, etc. with Sulphur fumes; cleansing drains and water-courses; converting defective midden-closets into water-closets, insisting on a pure supply of water when the present supply is insufficient or doubtful. Disinfecting by steam-disinfector the clothing, bedding, etc. of Small Pox, Enteric Fever, Puerperal Fever, Phthisis and any other case of Infectious disease at the discretion of the Medical Officer, free of cost, and the bedding, clothing, etc. of any parishioner from any cause who is willing to pay a fee of ten shillings for so doing.

The free supply to Medical Practitioners for their use amongst the poor of the district, of Antistreptococus and Anti-Diphtheretic Serums with the necessary Syringes; Bacteriological Examinations free of charge at the Birmingham University of Secretions from supposed cases of Diphtheria, Phthisis and Enteric Fever. Compulsory notification of the following diseases:—Small Pox, Scarlet Fever, Enteric Fever, Diphtheria, Membranous Croup, Puerperal Fever, Erysipelas, Cholera and Typhus Fever.

Valuable information, otherwise unobtainable, is furnished by the weekly returns from the Elementary Schools of children absent from school on account of some infectious disease. This information is especially valuable in the unnotified infectious diseases, and I beg to express my thanks to the members of the Education Committee for their kind co-operation in the sanitary work of this district.

Epitome of Sanitary Work for the year 1904.

DEEP-DRAINAGE AND HOUSE CONNECTIONS.

This Scheme was completed in the year 1901, and has proved satisfactory up to the present.

According to the returns forwarded up to the end of 1903, six thousand six hundred and twelve houses have been connected with the sewers. During the past year thirty-nine connections have been made to the sewers draining seventy-three houses.

Two more of the undrained houses have been demolished during the past year.

CELLAR DRAINAGE.

Eight connections have been made with the sewers from cellars in accordance with the instructions insisted on by the County

Medical Officer of Health, viz:—"The outlet from the cellar to be carried through the wall and empty itself into a gully placed outside the building from which an air shaft must be built to the ground level, and covered by a cast iron trap."

Four cellars have also been connected with storm water drains. The manner of connecting in these cases is the same as in the sewer connections. except that there is no chamber provided but a six-inch pipe shaft is substituted.

NIGHTSOIL AND HOUSE REFUSE.

This work, as in previous years, is still performed by contract and is supervised by the Sanitary Inspector and his assistants. The night soil is removed between the hours of ten p.m. and eight a.m., and the dry ashes during the day.

The provision of water closets is compulsory in all new houses when water supply and drainage facilities are available. The old privies and privy-middens are being steadily replaced by water-closets whenever opportunity arises.

The Sanitary Inspector reports that in the year ending December 1903, there were 3362 privies, 2781 middens, 2813, water-closets, and 1186 dry ash pits in the district." He now reports that "in the year ending December 1904, there are 3275 privies, 2729 middens, 2971 water closets, 1288 dry ashpits and 29 ash bins."

These figures are very satisfactory, as they shew a fairly rapid substitution of the new system of sewage disposal over the old one. The ash bin system has had a trial, and has so far proved satisfactory. I trust it will shortly become general, as the present system of keeping dry ashes and other house refuse in large quantities for a lengthy period, cannot be devoid of risk.

BACTERIOLOGICAL DIAGNOSIS OF DIPHTHERIA, ENTERIC FEVER AND TUBERCULOSIS.

The arrangements made by the Staffordshire County Council with the Birmingham University for the free examination of secretions from patients supposed to be suffering from either of the above-named diseases is still in force.

The necessary apparatus for the transmission of these secretions are sent to all Medical Men in the District. The Council also continue to supply free of charge to all Medical Men in the neighbourhood Anti-Strepto-coccus and Anti-Diphtheretic Serums, with the requisite syringes, for use in this district.

This mode of diagnosis is becoming more general amongst the Medical Men in this locality.

PREVENTION OF PULMONARY TUBERCULOSIS.

I have nothing to report under this heading, as none of the Schemes mentioned at the Stafford Conference of Nov. 10th, 1903, have been adopted.

HOSPITAL ACCOMMODATION.

The South Staffordshire Joint Small-Pox Hospital Board have taken over our hospital at Tividale for the treatment of patients from Tipton, Coseley, Bilston, Heath Town, Wednesbury, Short Heath, Darlaston and our own District. Seven cases have been under treatment during the year, viz: two from Rowley Regis, two from Bilston, and three from Tipton. As this is the only Isolation Hospital in the District, all other infectious diseases have to be treated at their own homes.

WATER SUPPLY.

The chief supply is derived from the South Staffordshire Water Work's Company.

Three wells have been closed on account of the impurity of the water and the South Staffordshire Water Works Company's water has been laid on to one hundred and fifty new houses, and nineteen houses which were previously supplied from wells.

COW-SHEDS, DAIRIES AND MILKSHOPS.

All plans for any of the above-named buildings are passed subject to the new bye-laws.

Two new cowsheds have been erected during the year.

Eighty-six inspections of cowsheds, dairies and milkshops have been made. No legal proceedings have been resorted to.

SLAUGHTER-HOUSES.

There are twenty-eight slaughter-houses now in use in the parish, and ninety-three inspections have been made. No legal proceedings have been necessary.

UNSANITARY HOUSES.

Fourteen houses have been certified as unfit for human habitation. Twelve of them have been repaired and made habitable, and two have been voluntarily closed after representation. Seventeen houses were demolished without any action being enforced by the Council.

OVER-CROWDING.

This condition is still prevalent and is in a great measure due to poverty. The bad state of trade making it impossible for many of the poorer class to pay the rent of a house, consequently two or more families combine and occupy a house between them. It has been absolutely necessary to issue orders for abatement of this state of affairs in nineteen cases.

CEMETERY.

This question, after due consideration, is again deferred.

LEGAL PROCEEDINGS.

There has been no prosecution in this department during the last three years.

NEW STREETS.

The Council still continue to have all land, as newly-laid-out building estates, put in proper order and adopted in accordance with the Public Health Act.

INSPECTION OF CANAL BOATS.

Mr. Barnsley reports—"frequent visits are made by myself and the Assistant Inspector to the banks of the canal which runs through the Council's district for the purpose of examining canal boats plying thereon.

There have been one hundred and thirty-five boats inspected during the year.

The occupants of the boats consisted of two hundred and twenty men, seventy-six women, seventeen boys and twenty-six girls between five and twelve years of age, and thirty-five children under five years of age.

CONTRAVENTIONS.—Fourteen notices have been served upon the owners of canal boats with respect to the following contraventions which were discovered. In two cases the boats were delapidated and needed repairs. In one case the boat was in a dirty condition and needed cleaning, in two cases the boats required painting, in one case the boat was without a water vessel, and also required painting and repairing, in two cases the boats were without water-vessels of sufficient capacity, in one case the boat had no water vessel and no certificate, in one case the boat required painting, and the water-vessel was of insufficient capacity, in one case the boat was overcrowded and had no proper water-vessel, in one case the boat was not properly marked, and was without a water-vessel, and in two other cases the boats were without water-vessels.

Ten of the above Notices have been returned stating that the contraventions have been duly remedied, I hope to receive the other four in due course.

The Masters have on every occasion been very willing to allow us to examine the boats with which we have met, and the prevailing conditions generally were of a satisfactory nature except those complained of.

Legal proceeding have been unnecessary.

No case of Infectious Disease has been discovered in any of the boats during the year. A Hospital for the treatment of Small Pox cases is provided in the Tividale Ward of this Council's District, which is always available in case of necessity.

It has not been necessary to detain any boat for the purpose of cleansing or disinfecting.

This is not a registration authority."

FIRE BRIGADE.

Mr. Barnsley (Captain) reports "During the year the Fire Brigade has been summoned to eleven fires. Two of these were of a serious nature, but the others did not prove so, through the timely efforts of the various sections of the Brigade. Since the formation of

the Brigade in 1901, the Firemen have been called in twenty-two cases of fire, and only on two occasions has it been necessary to call in the aid of a Steam Fire Engine from neighbouring authorities. There is no doubt that with the present appliances the Firemen will be able to extinguish in a very short time any outbreak of fire which is likely to occur in any part of the District if discovered early.

The Fire Appliances of the Brigade have been handsomely augmented during the year, through the generosity of J. Skidmore-Jones, Esq., who has presented them with a Hose-winder and twelve scaling-ladders.

The above results have in a very great measure stimulated the Firemen to presevere in their work, but the one aim and wish of the men is to be equipped with a modern Fire Engine at the earliest opportunity.

ROWLEY REGIS URBAN DISTRICT COUNCIL. ADMINISTRATION OF THE FACTORY AND WORKSHOP ACT, 1901.

As mentioned in my previous reports, Rowley Regis is a large scattered parish extending over an area of 3,670 acres, and contains an estimated population of 36,400. It is divided into five wards, viz:—Tividale, Rowley Regis, Blackheath, Old Hill and Cradley Heath.

Tividale Ward has an area of nine hundred and eighty-four acres and a population of 2932 inhabitants, and is partly agricultural and partly industrial. The chief industries are Coal-mining, Brick-making, different varieties of Iron manufacture, Galvanizing and Granite Quarrying.

Rowley Regis has an area of one thousand and forty-three acres and a population of 5,590 inhabitants and is also partly agricultural and partly industrial. The chief industries are Coal-mining, Granite Quarrying, Brick-making, Pottery-work, Nut and Bolt, Rivet and Nail Trade.

Blackheath has an area of one hundred and eighty-eight acre, and a population of 6,935 inhabitants, and is almost entirely Industrial. The chief industries are Nut and Bolt, Spade and Shovel, Rivets Nail, Tailoring, Baking and Boot and Shoe Making.

Old Hill has an area of five hundred and ninety-nine acres and a population of 11,359 inhabitants and is chiefly industrial. The chief industries are :—Iron-making, Coal-mining, Brick-making, Boot and Shoe making, Rivet-making, Chain-making, Tube-making, Tailoring and Coke Burning.

Cradley Heath has an area of five hundred and fifty-two acres and a population of 9584 inhabitants and is chiefly Industrial. The chief Industries are Chain-making, Rivet-making, Galvanizing, Brick-making, various forms of finished Iron industries, Coke Burning and Hollow-ware trades.

The bulk of the inhabitants are of the Artisan Class, and are employed in some one of the above-mentioned industries.

During the past year the Act has worked much more smoothly under the able supervision of Mr. Barnsley (the Council's Inspector). The requirements of the Act have been carried out as a matter of routine, without any enforcement of the compulsory clauses. The lime-washing of the premises is now done periodically every six months, and the keeping of animals in the workshops is now an exceptional occurrence.

The Sanitary conveniences in Factories and Workshops are satisfactory (Section 22 of P. H. A. A. is in force in the district) and whenever any contravention is discovered, owners are immediately served with a Notice.

The cubical space in the Workshops is ample, and ventilation especially in the Chain, Nail and Rivet Shops is free, as all the windows are unglazed. The water supply is plentiful and good.

There have been one thousand, three hundred and seventy inspections made of Factories, Workshops and Work-places by the Council's Inspector, and ten written Notices have been served during the year. No prosecutions have been necessary. Two thousand, one hundred and thirty-four Workshops, Work-places and Bake-houses are now on the Register including one hundred and fifty-four Domestic Workshops, viz :—

Workshops - - - -	1,620
Domestic Workshops - . -	154
Work-places - - - -	194
Bake houses - - . -	166
	2,134

Twenty out of the one hundred and sixty-six Bake-houses are for wholesale trade. There are no underground bake-houses.

Ten Notices were served :—

Four for lime-washing workshops.
Five to remove animals from workshops.
One to provide sufficient water-closet accommodation.

Under the heading "2 Defects found" Mr. Barnsley reports "Sanitary accommodations unremedied." 1st, a temporary female assistant at work in a shop with only sanitary accommodation for one sex She was discharged and no other female employed on premises.

2nd. A sewer is being provided and W.C. will be fixed as soon as practicable.

3rd. A plan has been passed for a house to be built adjoining he work-shops. The owner has asked for time for the house to be built, when the W.C. will be put in the most suitable place.

4th. Difficulty in finding a suitable place for W.C. This will be obviated by converting the old midden into a W.C. and providing a dust bin.

5th. More persons of both sexes were employed than is usually allowed for two closets. H M. Inspector of Factories has consented to allow their use on condition that a Urinal is provided.

6th. In this case the Notice has not expired at the end of the year.

LISTS OF OUT-WORKERS.

Lists have been received from thirty-three Employers and nine Contractors, being an increase of twelve over the returns for last year. Four of the above-mentioned thirty-three Employers, are for wearing apparell and represent fifteen out-workers. The remaining twenty-nine and the nine Contractors are for Chain and Cable, Anchor and Grapnels manufactures, and represent one thousand and nine out-workers. All the above out-workers premises in this district have been inspected.

The Notice issued by the Rowley Regis Urban District Council respecting the ilegality of keeping poultry or animals in Workshops has produced a most beneficent effect in the neighbourhood.

My services have only been requisitioned in ten instances and no legal proceedings have been resorted to during the past year.

The appended schedule has been filled in by Mr. Barnsley and signed by myself.

Annual Report.

of Medical Officer of Health for 1904, for the Urban District of Rowley Regis.

Factories, Workshops, Laundries, Workplaces and Home Work.

1.—INSPECTION.

INCLUDING INSPECTIONS MADE BY SANITARY INSPECTORS OR INSPECTORS OF NUISANCES.

Premises.	Inspections.	Written Notices.	Prosecutions.
FACTORIES			
(Including Factory Laundries)	28	1	Nil
WORKSHOPS			
(Including Workshop Laundries)	1148	9	
WORKPLACES	194		
(Home workers' premises).			
Total -	1370	10	Nil

2.—DEFECTS FOUND.

		Found.	Remedied.
Want of Cleanliness - - -		352	352
Other nuisances - -		16	16
Sanitary Accommodation	insufficient -	5	1
	unsuitable or defective	2	2
	not separate for sexes	2	0
Failures as regards lists of Outworkers (s. 107).		27	27
Total -		404	398

3.—OTHER MATTERS.

Notified to H.M. Inspector :—

Failures to affix Abstract of the Factory and Workshop Act (S. 133) - - -	123
Actions taken (Notified by H.M. Inspector) -	9
ditto. (reported to H.H. Inspector) -	4
Other - - - - -	1
Lists of Outworkers* (S. 107) :—Lists received 42.	1024*
Addresses of Outworkers forwarded to other Authorities	154
do do received from do	17

*The Lists should be received twice in the year. The year's figures required in the Table are then obtained by adding together the two half-year totals.

BAKEHOUSES - - - -	166
WORKSHOPS (not including 194 Workplaces) - -	1774
Total number of Workshops on Register -	1940

(Signed) J. G. BEASLEY,

Medical Officer of Health to the Rowley Regis Urban District Council.

VACCINATION RETURNS

For the year ended 31st December, 1904.

Total number of Births, 1317.

No. 1. District	by Public Vaccinator - -	263	
	by Private Practitioners - -	114	
			377
No. 2. District	by Public Vaccinator - -	142	
	by Private Practitioners - -	416	
			558
	Insusceptible of Vaccination -	8	
	Had Small Pox - - -	0	
	Certificates of Conscientious objection -	1	
	Dead (Unvaccinated) - -	123	
	Postponed - - -	32	
	Removal to District, the Vaccination Officer of which has been apprised -	1	
	Removal to places unknown and Cases not having been found - -	26	
	*Not Vaccinated - - -	191	
			382
	Total number of Births		1317

*Several of these children are not six months old, and are not at present liable to Vaccination.

The returns for the last two years show a steady improvement over those for the previous years especially in the number of unvaccinated children, the total of two hundred and seventy-five for last year being reduced to one hundred and ninety-one this year.

The pernicious system of one pock vaccination is still carried on to a considerable extent especially in the lower division of the parish. Conscientious objections are almost unknown in this Parish, (two applied for Exemption Certificates in 1903 and one in the last year), but I consider that those people who, for the sake of complying with the letter of the law have their children very inefficiently vaccinated are almost as great a menace to the community as those who evade Vaccination altogether.

The number of children vaccinated by the request of parents before the age of four months is attained is still increasing. This I consider a favourable sign.

Before concluding this Report, I again tender my best thanks to all the Officers of the Council and Parish who have assisted by furnishing me with the necessary information

I must ask the Council to bear in mind that the cause for the delay in presenting this Report has been caused by the refusal of the District Registrar to furnish lists of the year's births in the various Wards until the matter of payment had been settled between him and the Council.

I append schedules of work done in the Surveyor's and Sanitary Inspector's Departments.

I again add an extract from the memorandum as to the Annual Report of the Medical Officers of Health, issued by the Local Government Board, which explains the reason for the amount of recapitulation contained in this report. "It should be remembered that these reports are for the information of the Local Government Board, and of the County Council as well as of the Council of the District, and that a statement of the local circumstances, and a history of local sanitary questions which may seem surperfluous for the latter, may often be needed by the former bodies.

I have the honour to remain, Gentlemen,

Yours obediently,

J. G. BEASLEY,

Medical Officer of Health to the Rowley Regis Urban District Council.

STAFFORDSHIRE COUNTY COUNCIL

TABLE V.

SUMMARY of SANITARY WORK done in the Nuisance Inspector's Department during the year 1904, in the Urban District of Rowley Regis.

		Inspections and Observations made.	Formal Notices by Authority.	Nuisances Abated after notice.
Dwelling-houses and Schools.	Foul conditions - -	212	159	159
	Structural Defects - -	0	0	0
	Overcrowding - -	19	19	19
	Unfit for Habitation - -	14	14	14
	Lodging-houses - -	0	0	0
	Dairies and Milkshops - -	86	0	0
	Cowsheds - - -	86	0	0
	Bake-houses - -	166	0	0
	Slaughter-houses - -	93	0	0
	Canal Boats - -	135	14	10
	Ashpits and Privies -	11,149	0	0
	Deposits of Refuse and Manure -	31	31	31
	Water Closets - -	2,971	77	77
House Drainage.	Defective Traps - -	161	18	18
	No Disconnection - -	0	0	0
	Other Faults -	331	113	113
	Water Supply - -	2	2	2
	Pigsties - - -	284	14	14
	Animals improperly kept -	26	26	26
	Offensive Trades - -	0	0	0
	Smoke Nuisances - -	0	0	0
	Other Nuisances - -	0	0	0
	Totals -	15,766	487	483

	Nos.
Seizures of unwholesome Food - -	0
Samples of Food taken for analysis - -	0
,, found adulterated - -	0
Samples of Water taken for Analysis - -	2
,, condemned as unfit for use -	1

Precautions against Infectious Disease.

Lots of infected bedding disinfected or destroyed -	525
Houses disinfected after Infectious disease - -	268
Schools ditto ditto - -	6
Prosecutions for not notifying existence of infectious disease	0
Convictions ditto ditto -	0
Prosecutions for exposure of infected persons or things	0
Convictions ditto ditto	0

NOTE.—When an inspection or notice embraces more than one defect, it may be enumerated separately as regards each such defect.

Signed,—ELIJAH T. BARNSLEY,
Inspector of Nuisances.

March 10th, 1905.

Rowley Regis Urban District Council.

SURVEYOR'S REPORT.

Pipes laid during the Year 1904:

4	yards of	6-inch	pipes at	Cock Green.
8	,,	6	,,	Yew Tree Lane
8	,,	6	,,	Birmingham Road
8	,,	6	,,	Wright's Lane
20	,,	6	,,	Cox's Lane
28	,,	9	,,	do.
20	,,	6	,,	Tadpole Hole and Wright's Lane
11	,,	12	,,	Reddal Hill
30	,,	6	,,	Bell End
4	,	15	,,	Wright's Lane
10	,,	6	,,	do.
17	,,	6	,,	Upper Chapel Street
25	,,	9	,,	Siviter's Lane
14	,,	6	,,	do.
24	,,	6	,,	Halesowen Road
896	,,	9	,,	Perry Park Road
15	,,	6	,,	do.
226	,,	15	,,	Waterfall Lane
157	,,	9	,,	Hill Road
7	,,	6	,,	Jackson Street
7	,,	6	,,	Holloway Street
1,539	yards.			

Kerbing and Channelling laid during the year 1904.

FEBRUARY	30 yards in Siviter's Lane, Rowley Regis
MARCH	20 yards in Providence Street, Cradley Heath
APRIL	25 yards at Locks Canal Bridge, Tividale
OCTOBER	107 yards at Jackson Street, Old Hill.
	114 yards in Holloway Street, ,,
	296 yards.

The following houses have been supplied with the South Staffordshire Water Works Company's Water during the year 1904.

January	-	-	9	houses
February	-	-	5	,,
March	-	-	10	,,
April	-	-	9	,,
May	-	-	15	,,
June	-	-	12	,,
July	-	-	34	,,
August	-	-	25	,,
September	-	-	20	,,
October	-	-	9	,,
November	-	-	5	,,
December	-	-	15	,,
			168	,,

Ditches Cleaned out during the year 1904.

FEBRUARY	50	yards at	Powke Lane (in field)
,,	128	,,	Beauty Bank
MARCH	104	,,	Halesowen Road (in garden ground).
,,	62	,,	Tividale Road (near cinder monnt).
JUNE	65	,,	Church Road
JULY	317	,,	Oakham Road
AUGUST	310	,,	Oakham Road
,,	153	,,	Throne Road
,,	82	,,	Portway
SEPTEMBER	521	,,	Throne Road
,,	325	,,	Oldbury Road
,,	52	,,	Mincing Lane
OCTOBER	702	,,	Darby's Hill
NOVEMBER	270	,,	Hayseech
DECEMBER	224	,,	Portway Road
,,	610	,,	do.
,,	32	,,	Beauty Bank
	4007	,,	

WILLIAM H. BRETTELL, Surveyor.

February 21st, 1905.